

SOUTH PRODUCTION NOTES

**December 2, 2013
Midnight Shift**

**BASF EMPLOYEES
151 Last Recordable
170 Last Lost Time**

Alumina Gel and building 9 are regulated areas due to Vanadium

#1 MED A-520: Trial. Will resume on Monday.

#1 RC / A-520: Trial.

Exhaust to Trimer

Afternoon shift: No change.

Day shift: No change, granulator moved to #2 RC.

#2 MED line/ D-0768: On hold. ANY WET MIX GENERATED NEEDS TO BE ADDED BACK INTO THE MIXER.

Midnight Shift Update: Running MED line. Watch inserts, running low (0593P067).

Day Shift: Ran OK during shift, down afternoon shift due to number of bags on floor and personell moves (24-25 bags as of 2:30 pm).

Afternoon shift: Ran out 1 batch that was mixed and moved manpower elsewhere. Down until we can get the calciner started up.

#2 RC/ D-0768: A work order was written Wednesday morning to have a 5" dam installed on the calciner.

Day shift: Granulator moved to #2 RC, need to connect. Also, still need maintenance to install dam.

Afternoon shift: 4 mesh screen installed on granulator.

Exhaust to F1

Tank 7 / Empty and Clean: Tank is rinsed and toted off.

Midnight Shift Update: No change from afternoon shift.

Day shift: No change

Afternoon shift: No change.

Old Pfaudler D-0756: Done. Pfaudler has been acid washed.

Midnight shift Update: No update.

Day shift: No change. Confirm with engineers/production team Monday morning regarding start-up date for D-0756.

Afternoon shift: No change.

#3 MED Dryer / D-1794 NAQ: All totes have been fed. Will need a clean up around the discharge of the dryer. We will be restarting this line week of Dec 2 (this week).

#3 RC / D-1795 NAQ: The last 2 bags are being fed late on afternoon shift. **NOTE:** There are also 4 drums of contaminated undried material – these drums are not to be fed.

Exhaust to CTO

Midnight Shift Update: Continue to feed.

Day shift: Lowering temps on calciner to feed the three calcined Chevron bags.

Afternoon shift: preparing to feed the last 2 bags late on 2nd shift.

#4 RC / D-5206: Continue feeding as material is available.

Exhaust to 4 DC

Midnight Shift Update: Continue to feed.

Day shift: Continue to feed as material available.

Afternoon shift: Continued to run.

National Dryer / 5206 : Continue to feed as batches come from the abbe.

Midnight Shift Update: Continue to feed.

Day shift: continue to feed as material available.

Afternoon Shift: Continued feeding. Batches from day shift were wet and are hanging up in the hopper.

Abbe Blender / D-5206: Continue to run through the weekend.

Midnight Shift Update: Continued to run after operator dropped the New Pfaudler batch.

Day shift: Continue on. Remember - day shift Monday we will not be able to run due to contractor work in HC-11.

Afternoon shift: Continued to run. Will need to keep an eye on the batches in the national to see if they continue to be wet. We may have to evaluate whether or not to clean the screen if batches continue to be too wet.

#5 RC / 1520: Calciner is running. Keep in mind that this is a regulated area. **Wear your respirators – Vanadium.**

Exhaust to Trimer

Midnight Shift Update: Continued to run without issues.

Day shift: Continue feeding, no issues.

Afternoon shift: Continued feeding.

HC-11 Tanks / 1520: Continue making solution batches in 4 tank, and transfer to 6 tank when ready.

Midnight Shift Update: A new tank has not been made – manpower. Still have solution made last night in Tank 4.

Day shift: Solution was transferred late midnight shift to 6 tank. Need next solution tank made in 4 tank (extra personnel coming in 3:00 am from C shift!).
Afternoon shift: No change. Operator scheduled to make a batch on midnight shift.

PK Blender / 1520: Continue to run. Remember this area is now regulated due to Vanadium. When we get to batch 101 we will need to change to unloading into different bags. They will be 67004945 or 906111. They will need to be cleaned and weighed. We will need to track these bags and weights on a sheet.

Midnight Shift Update: Switched over to the 111 bag when we started batch 101. Bags are being dropped at the 509 drop in shipping. Make sure that they are labeled, cleaned and weighed. Additionally, and after contacting engineer, we will impregnate the next batches using solution Batch 102 but we will use the same combination of numbers we used with solution Batch 101.

Day shift: Continue making batches using the 111 bags, and continue with the instructions above.

Afternoon shift: made 2 batches and sent operator to hc-11 to fill copper nitrate tank to free up totes for the copper department.

New Pfaudler / Cleaned for BE-0101: The first 2 batches were made Saturday Afternoon shift and have been taken to the tunnel kilns.

Midnight Shift Update: The second batch was unloaded and transferred to the Tunnel Kiln area.

Day shift: Began loading later 7-3 shift after fixing the car puller relay switch arm, then confirmed loading instructions with Noemi (loading 5 saggars, not 4 as Jack Pettry indicated on Saturday). We will be unloading directly to open top bags with the first two batches, then analyze and make decision on when to install screener. Will have more information on Monday.

Afternoon shift: Continued to load.

#6 DRYER - RC / clean for 0796: Will need to finish with a final vacuum on the dryer of the 5202 material and begin reassembly of the dryer/screener/calcliner. We will also need the discharge set up.

Exhaust to Sly Scrubber

Midnight Shift Update: No change at this time.

Day shift: No change, need to assign extra person/people coming in on 11-7 shift (at 3:00 am) to finish dryer vacuuming and final assembly.

Afternoon shift: No change. Operators assigned on midnight shift.

Tower 3 / Cu-0860: Loaded and running .

Midnight Shift Update: After verifying with reduction tower operator, this tower will not come down until mid Sunday morning.

Afternoon shift: Tower was unloaded and reloaded with lot 244.

Tower 6 / Cu-0860: Tower is loaded and running.

Midnight Shift Update: No change.

Day shift: Continue on.

Afternoon shift: No change. Approximately 1 more day.

Harrop Kiln - Al-3921 T 3/16": Continue running. The automatic pusher at the cool down zone in the Kiln still not working. It appears as if the clutch is disengaging while pushing carts. Work notification written for one of the blowers on the kiln (#5 blower stopped working). Still operable, but maintenance needs to see Tower operator for more information.

Midnight Shift Update: Continuing to run.

Day shift: Continue on.

Afternoon shift: Continued on. A work order was written to have the secondary coupler for the drive unit tightened up.

North Screener / Cu-0860: Continue on.

Midnight Shift Update: Still running.

Day shift: Continue on.

Afternoon shift: Continued on.

South Screener /E-406: on hold. If we continue to man the North screener on all shifts we should not have to switch this screener over to Cu0860.

Midnight Shift Update: Need to ask once again if the screener can be switched over to Cu-0860.

Day shift: Per midnight shift GLs request, will ask Grodecki Monday morning for guidance on south screener.

Afternoon shift: No change.

#2662 Pill Machine / Al-3917 3/16: Finished.

#2664 Pill Machine / Al-3917 3/16: Continue on running.

Midnight Shift Update: Continuing to run. All pill mix left over is in the hoppers. #2662 should be empty by morning.

Day shift: out of pill mix on 2662; 2664 should run out sometime afternoon shift Sunday.

Break down and clean both machines, then hold for instructions on next material.

Afternoon shift: Continued on running 2664.

Tunnel Kiln #2 / AI-3921: Continue feeding. May make a decision to stop by early next week, or finish feeding all of the bags (decision by Monday morning). As of mid-day Friday, 11 full bags and 1 partial to feed.

Midnight Shift Update: Continuing to run.

Day shift: Continue on...will decide on Monday when or whether to stop kiln so screener can be used on #4 tunnel kiln.

Afternoon shift: Continued on.

Tunnel Kiln #4 / BE-0101: The first batch was made on the pfaunder during afternoon shift. Begin loading on midnight shift. Will also need to "steal" the Sweco screener from #2 kiln...to be determined when this will occur.

Day shift: Started loading late 7-3 shift after car puller relay switch was repaired. Follow MOD and continue loading. Will unload into open top bags, analyze, then decide on when to move screener from #2 to #4.

Afternoon shift: Continued on loading.